AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0023] as follows:

[0023]　　　In a second example, the environment is taken into account by estimating the proportion of an anatomical structure or feature, such as fibro-glandular tissue, at the position of each pixel. This estimation is described by J. Kaufhold, J.A. Thomas, J.W. Eberhard, C.E. Galbo, and D.E. Gonzalez Trotter, "A Calibration Approach to Glandular Tissue Composition Estimation in Digital Mammography," in Med. Phys. 29 (8), pp. 1867-1880, August 2002. According to this teaching, there are known ways of estimating a proportion of fibro-glandular tissue in each pixel. This proportion can then be used to condition the values of the coefficients, if necessary after ~~low-past~~ low-pass spatial filtering. For example β becomes constantly greater as and when this proportion rises. In this case, the computation of the two functions used to modify the images of context and the images of the details are predefined as functions of proportion of fibro-glandular tissue, and are adapted, by a calibration procedure, to each radiological thickness image.